

according to claim 13 characterized in that the organ is selected from kidney, heart, pancreas, liver, enteric canal, notochord, skeletal muscle, leukocyte, erythrocyte and lymphocyte.

This Preliminary Amendment is made to eliminate multiple claim dependency. Examination on the merits of the application is requested. A marked up version showing the changes made to the claims is attached.

Respectfully submitted,

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VERSION WITH MARKINGS TO SHOW CHANGES MADE

Claim 3. (Amended) The preparation method of in vitro induced organ for transplantation according to [any one of] claim[s] 1 [or 2] characterized in that the certain stage is examined by using genome DNA which expresses corresponding to the stage of the in vitro induced organ as a molecular marker.

Claim 4. (Amended) The preparation method of in vitro induced organ for transplantation according to [any one of] claim[s] 1 [to 3] characterized in that the in vitro induced organ is an organ induced from ectoderm region which has been cut off from the blastula.

Claim 5. (Amended) The preparation method of in vitro induced organ for transplantation according to [any one of] claim[s] 1 [to 4] characterized in that in vitro induction takes place in the presence of TGF (Transforming Growth Factor)- β family.

Claim 7. (Amended) The preparation method of in vitro induced organ for transplantation according to [any one of] claim[s] 1 [to 4] characterized in that in vitro induction takes place in the presence of activin and retinoic acid.

Claim 8. (Amended) The preparation method of in vitro induced organ for transplantation according to [any one of] claim[s] 1 [to 7] characterized in that the organ is selected from kidney, heart, pancreas, liver, enteric canal, notochord, skeletal muscle, leukocyte, erythrocyte and lymphocyte.

Claim 9. (Amended) The preparation method of in vitro induced organ for transplantation according to [any one of] claim[s] 1 [to 8] characterized in that a living organism of the recipient is embryo.

Claim 10. (Amended) The preparation method of in vitro induced organ for transplantation according to [any one of] claim[s] 1 [to 9] characterized in that the recipient belongs to vertebrate.

Claim 11. (Amended) An in vitro induced organ for transplantation characterized in that the organ is prepared by the preparation method of in vitro induced organ for transplantation according to [any one of] claim[s] 1 [to 10].

Claim 15. (Amended) The evaluation method of in vitro induced organ of non-human animal according to [either one of] claim[s] 13 [or 14] characterized in that the in vitro induced organ is an organ induced from ectoderm region which has been cut off from the blastula.

Claim 16. (Amended) The evaluation method of in vitro induced organ of non-human animal according to [any one of] claim[s] 13 [to 15] characterized in that in vitro induction takes place in the presence of TGF (Transforming Growth Factor)- β family.

Claim 17. (Amended) The evaluation method of in vitro induced organ of non-human animal according to [any one of] claim[s] 13 [to 16] characterized in that the organ is selected from kidney, heart, pancreas, liver, enteric canal, notochord, skeletal muscle, leukocyte, erythrocyte and lymphocyte.